



FEATURES

- High resolution
- Small size
- Low power
- Light weight
- High accuracy

**DIGITAL FREQUENCY
DISCRIMINATOR**

ELECTRICAL SPECIFICATIONS

Frequency Range	2.4 to 5.0 GHz
Number of Bits	11
RMS Frequency Accuracy	2 MHz
Frequency Resolution	1.45 MHz
Dynamic Range	-10 to +10 dBm
VSWR, max	2:1
Pulse Width	50 ns to CW
Simultaneous Signals	-6 dBc
Signal to Noise Ratio	6 dB min
Data Format	TTL
Trigger Input	TTL rising edge
Simultaneous Signal Detection	80% probability of detection of frequency error
Power: +5 @ 500 mA	
+12/+15V @ 400 mA	
-12/-15V @ 50 mA	

MECHANICAL SPECIFICATIONS

Size	5.5" x 5.25" x 1.5"
Weight	2.9 pounds maximum
Connectors	Field replaceable SMA input 37 socket MDM for DC power, digital I/O
Temperature Range	-20 to +85° C



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